

What is claimed is:

1. A DC-DC converter comprising:

n groups of the unitary units provided with respect to a DC power source, the unitary unit having a pair of conversion
5 circuit parts for converting a power source voltage of the DC power source into an AC by switching elements of a full bridge configuration, rectification circuit parts provided to the output sides of each of the conversion circuit parts through
transformers, and series capacitors inserted and connected
10 between each of the conversion circuit parts and the transformers,

wherein transformer secondary sides of one rectification circuit parts of each the unitary unit are connected in series among the n groups and also transformer secondary sides of the
15 other rectification circuit parts of each the unitary unit are connected in series among the n groups.

2. A DC-DC converter as defined in claim 1, wherein a pair of the conversion circuit parts in the n groups of the unitary
20 units are connected in parallel with the DC power source.

3. A DC-DC converter as defined in claim 1, wherein a pair of the conversion circuit parts in the n groups of the unitary units are connected in series with the DC power source.

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4. A DC-DC converter as defined in claim 3, wherein the n groups of the unitary units are connected in parallel with the DC power source.

5 5. A DC-DC converter as defined in claim 3, wherein the n groups of the unitary units are connected in series with the DC power source.